



PUBLIC NOTICE

File Number: NR15MS.004

Pursuant to Chapter 0400-40-07 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Mr. Jeff May, VP & GM Tennessee-East
Vulcan Construction Materials, LP
3001 Alcoa Highway
Knoxville, TN 37920

LOCATION: Sevierville Quarry
1138 Park Road
Sevierville, TN
Latitude: 35.843582, Longitude: -83.567690

PROJECT DESCRIPTION/PURPOSE: Vulcan Construction Materials, LP has applied for a new Individual Aquatic Resource Alteration Permit for its Sevierville Quarry. The proposed activity would replace an existing cofferdam on the right descending bank of the West Prong of the Little Pigeon River. The applicant's stated purpose is to "reduce or stop the flow of water from the river via a karst feature into the quarry pit, and to enhance aquatic resources in the river."

The proposed project site has been evaluated and the supporting plans developed to avoid and minimize any new impacts to waters. The proposed project limits stream reconstruction activities to approximately 0.25 acres adjacent to the stream. The proposed activity will not alter the existing stream dimensions. The applicant indicates that flow from West Prong of the Little Pigeon River currently enters the quarry from karst features adjacent the site. This results in the quarry having to treat and pump approximately 15-18 million gallons of water day. After consideration of alternatives Vulcan Construction Materials has proposed the following activities proposed to reduce flow from the karst features into the quarry:

- Installation of erosion control measures.
- Removal of vegetation and excavation and grading of the sinkhole feature.
- Demolition of existing dilapidated sheet piles.
- Installation of new sheet piles and h-pile structure for cofferdam.
- Clam shell excavation and air-lift excavation.

- Concrete pumping to create the mud seal at the bottom of the cofferdam.
- Concrete pumping to backfill cofferdam.
- Install post grouting.
- Installation of flowable fill cap at sinkhole.
- Drilling of post grout casing at capped sinkhole.
- Site clean-up and demobilization.

This project is projected to have only minimal impacts to waters which are addressed in the submitted plans.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the Division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED/WATERBODY DESCRIPTION: West Prong of the Little Pigeon River is in the Lower French Broad River watershed (HUC 06010107).

Stream Name/ID #: West Prong of the Little Pigeon River 06010107

Impacts: Stream Restoration and Restoration of Karst Feature

Ecoregion: Southern Shale Valleys, ecoregion 67G

Waterbody ID	Impacted Waterbody	CAUSE / TMDL Priority	Pollutant Source	COMMENTS
TN06010107010 - 1000	WEST PRONG LITTLE PIGEON RIVER	Escherichia coli NA Loss of biological integrity due to siltation NA Total Phosphorus M The trout stream portion of this segment is considered "threatened" by elevated water temperatures and low DO.	Septic Tanks Collection System Failure Land Development Channelization Municipal Point Source Discharges from MS4 Area	Water contact advisory. Development between Sevierville and Pigeon Forge adding silt to river. Category 5. EPA has approved siltation and pathogen TMDLs that address some of the known pollutants

PERMIT COORDINATOR: Dan Murray

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the Division will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The Division shall consider practicable alternatives to the alteration. The Division shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the Division's address listed below and to the attention of the permit coordinator. You may also comment via email to water.permits@tn.gov.

PUBLIC HEARING: Interested persons may request in writing that the Division hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that a hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the Division will hold a public hearing. Send all public hearing requests to the Division's address listed below and to the attention of the permit coordinator.

APPEAL: Please be advised that a petition for permit appeal may be filed, pursuant to *T.C.A. Section 69-3-105, subsection (i)* and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas. A copy of the filing should also be sent to TDEC's Office of General Counsel. The mailing addresses follow:

Tisha Calabrese Benton
Acting Technical Secretary
Board of Water Quality, Oil and Gas
William R. Snodgrass TN Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, TN 37243-1102

Mr. E. Joseph Sanders, Chief Counsel
Office of General Counsel
William R. Snodgrass TN Tower
312 Rosa L. Parks Avenue, 2nd Floor
Nashville, TN 37243-1102

Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available for review on the internet at the department's data viewer at http://www.tn.gov/environment/water/water-quality_dataviewer.shtml. The file may be viewed in person at the department's address (listed below) for review and/or copying.

Kara Blevins (865-594-5460)
Tennessee Department of Environment & Conservation
Division of Water Resources
Mining Section
3711 Middlebrook Pike
Knoxville, TN 37921-6538

